

Mechanical, Electrical, & Plumbing Engineer

Address

CENTERBROOK

Architects and Planners, LLP

67 Main Street Post Office Box 955

Telephone 860.767.0175

Facsimile 860.767.8719

Renovations

SUBMITTED FOR **WETLAND PERMIT** 

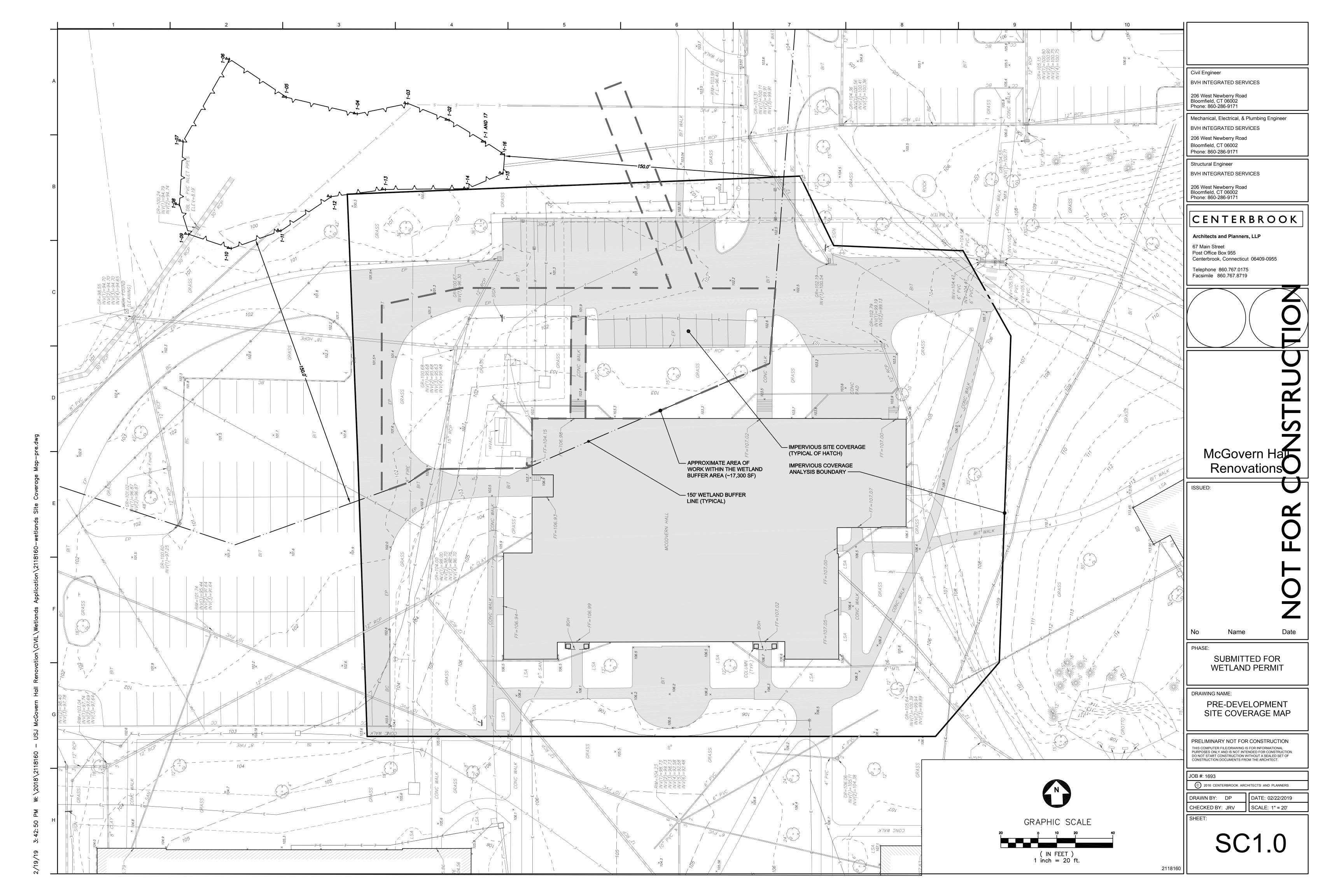
DRAWING NAME:

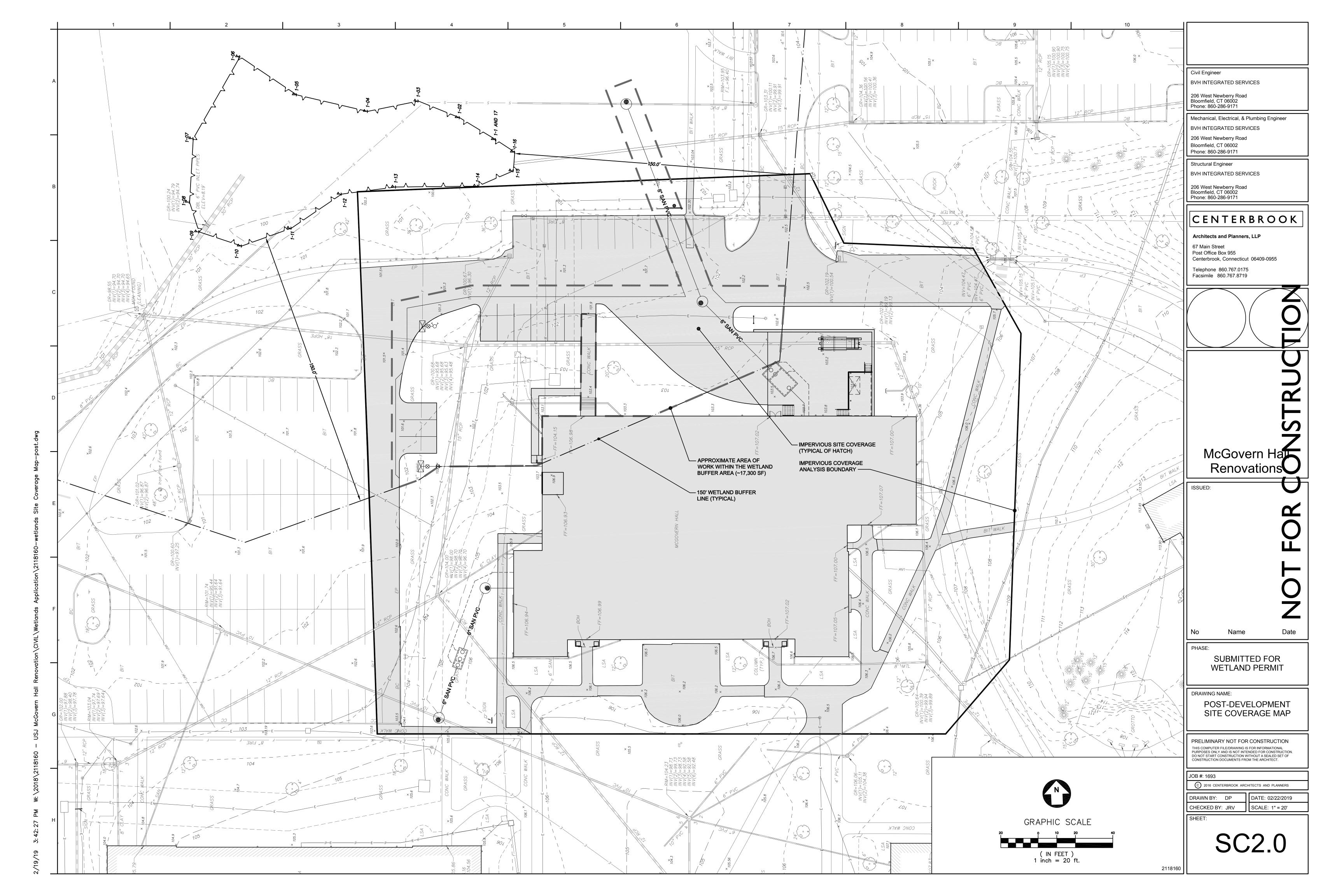
PROPOSED PAVEMENT ALTERATIONS

THIS COMPUTER FILE/DRAWING IS FOR INFORMATIONAL PURPOSES ONLY AND IS NOT INTENDED FOR CONSTRUCTION. DO NOT START CONSTRUCTION WITHOUT A SEALED SET OF CONSTRUCTION DOCUMENTS FROM THE ARCHITECT.

CHECKED BY: Checker | SCALE: 1/16" = 1'-0"

AS1.01





### **NEW CIVIL ABBREVIATIONS LEGEND**

(NOTE: NOT ALL ABBREVIATIONS USED)

AD	AREA DRAIN	HDPE	HIGH DENSITY POLYETHYLEN
AFF	ABOVE FINISH FLOOR	HORIZ	HORIZONTAL
ALT	ALTERNATE	HP	HIGH POINT
ARCH	ARCHITECTURAL	ID	INSIDE DIAMETER
AVG	AVERAGE	IN	INCH OR INCHES
BC	BOTTOM OF CURB	INV	INVERT
BIT	BITUMINOUS	JT	JOINT
BLDG	BUILDING	LP	LOW POINT
BM	BENCH MARK	MAX	MAXIMUM
ВОТ	BOTTOM	MECH	MECHANICAL
BSMT	BASEMENT	MH	MANHOLE
BW	BOTTOM OF WALL	MIN	MINIMUM
C	CENTER LINE	MISC	MISCELLANEOUS
СВ	CATCH BASIN	N	NORTH
CI	CAST IRON	NIC	NOT IN CONTRACT
CJ	CONTROL JOINT	NO	NUMBER
CLL	CONTRACT LIMIT LINE	NTS	NOT TO SCALE
CMP	CORRUGATED METAL PIPE	O/C	ON CENTER
CMU	CONCRETE MASONRY UNIT	OD OD	OUTSIDE DIAMETER
CO	CLEAN OUT	P	POLE/PHASE
CONC	CONCRETE	PE	PRIMARY ELECTRIC
COND	CONDENSATE	PNL	PANEL
CONST	CONSTRUCTION	PSI	POUNDS PER SQ IN
CONT	CONTINUOUS, CONTINUE	PT	POINT
CU FT	CUBIC FEET	PVC	POLYVINYL CHLORIDE
CU YD	CUBIC YARD	QTY	QUANTITY
CW	COLD WATER	R	RADIUS
DBL	DOUBLE	RCP	REINFORCED CONCRETE PIPI
DET	DETAIL	RGS	RIGID GALVANIZED STEEL
DI	DUCTILE IRON	REINF	REINFORCED
DIA	DIAMETER	ROW	RIGHT OF WAY
DIAG	DIAGONAL	S	SOUTH
DIM	DIMENSION	SAN	SANITARY
DWG	DRAWING	SDMH	STORM DRAINAGE MANHOLE
E	EAST	SE	SECONDARY ELECTRIC
EA	EACH	SMH	SANITARY MANHOLE
EF	EACH FACE	SPEC	SPECIFICATIONS
EJ	EXPANSION JOINT	SQ	SQUARE
ELEV	ELEVATION	SS	STAINLESS STEEL
ELEC	ELECTRIC	SD	STORM DRAINAGE
EOP	EDGE OF PAVEMENT	STA	STATION
EP	EMERGENCY PHONE	STD	STANDARD
EQ	EQUAL	STM	STEAM
EW	EACH WAY	T & B	TOP AND BOTTOM
EX	EXISTING	TC	TOP OF CURB
EXT	EXTERIOR	TEL	TELECOMMUNICATIONS
FA	FIRE ALARM	TF	TOP OF FRAME
FD	FOOTING DRAIN	TW	TOP OF WALL
FDN	FOUNDATION	TYP	TYPICAL
FF	FINISHED FLOOR	UG	UNDERGROUND
FM	FORCE MAIN	VERT	VERTICAL
F	FIRE SERVICE	VIF	VERIFY IN FIELD
r FT	FEET	W	WEST/WATER SERVICE
FTG	FOOTING	WP	WORKING POINT
GALV	GALVANIZED	WWF	WELDED WIRE FABRIC
GALV GC	GENERAL CONTRACTOR	YVVF YD	YARD DRAIN
		יט	I AND DRAIN
GEN	GENERATOR GROUND FAULT INTERRUPTER		
GFI			
GND	GROUND		

NEW CIVIL SYMB	OL LEGEND						
(NOTE: NOT ALL SYMBOLS USED)							
ď,	FIRE HYDRANT						
× × × × × × × × × × × × × × × × × × ×	VALVE						
<b>35</b>	POST INDICATOR VALVE						
SIZE /—MATERIAL	T GOT INDIGNATION VILVE						
	STORM DRAINAGE						
XX" SD XXX	310KW BIVAINAGE						
——————————————————————————————————————							
SERVICE TYPE							
/ / MATERIAL	WATER DISTRIBUTION						
<i>† † †</i>							
——————————————————————————————————————							
SIZEMATERIAL	SANITARY SEWERAGE						
X" SAN XXX	SANTART SEWERAGE						
	UNDERGROUND PRIMARY						
——————————————————————————————————————	ELECTRIC						
SE	UNDERGROUND SECONDARY ELECTRIC						
	UNDERGROUND						
TEL —	TELECOMMUNICATIONS						
PE	PRIMARY ELECTRIC (ENCASED IN CONCRETE)						
SE	SECONDARY ELECTRIC (ENCASED IN CONCRETE)						
TEL	TELECOMMUNICATIONS (ENCASED						
	IN CONCRETE)						
	CONDUIT REFERENCE SYMBOL						
	SERVICE						
	- CONDUIT ARRANGEMENT						
— x — x — x —	CHAIN LINK FENCE						
-0-0-0-	CONSTRUCTION FENCE						
	SILT FENCE						
	STRAW BALE BARRIER						
100	CONTOUR						
100	CONTOUR						
50.50	SPOT ELEVATION						
<b>⊚</b> sмн01	SANITARY MANHOLE  STORM MANHOLE  CATCH BASIN						
◯ <sub>SDMH01</sub>							
<b>☑</b> CB01							
•							
<del>⟨</del> ₩-	DIRECTION OF WATER FLOW						
어	FLUSH PULL BOX						
xx	SITE LIGHT						
	DETAIL REFERENCE NUMBER						
7							
IWWR_C0.00	SEE THIS DETAIL DRAWING						
	PAVEMENT SAW CUT LINE						
	BITUMINOUS CURB						
	I						

## **CIVIL GENERAL NOTES**

- 1. BASE INFORMATION IS TAKEN FROM AVAILABLE SURVEY PLANS AND AS-BUILT DOCUMENTS PROVIDED BY FIP CONSTRUCTION, INC. THE CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS PRIOR TO COMMENCEMENT OF NEW WORK. BVH INTEGRATED SERVICES ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF THE SURVEY NOR CHANGES TO THE WORK DUE TO ERROR IN THE SURVEY.
- 2. PRIOR TO COMMENCING CONSTRUCTION NOTIFY "CALL BEFORE YOU DIG" (1-800-922-4455) FOR FIELD LOCATION AND MARKING OF SUBSURFACE UTILITIES AT LEAST 48 HOURS IN ADVANCE BUT NO MORE THAN 30 DAYS. THE CONTRACTOR SHALL ALSO OBTAIN THE SERVICES OF A QUALIFIED UNDERGROUND UTILITY LOCATION FIRM, AT NO COST TO THE OWNER, TO VERIFY LOCATIONS OF UNDERGROUND UTILITIES NOT IDENTIFIED BY "CALL BEFORE YOU
- 3. ALL CONSTRUCTION METHODS SHALL CONFORM TO THE DRAWINGS AND SPECIFICATIONS AND ANY REFERENCED STANDARDS SUCH AS BUT NOT LIMITED TO THE FOLLOWING. ANY DISCREPANCIES BETWEEN THESE DRAWINGS AND SPECIFICATIONS AND REFERENCED STANDARDS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER.
- A. THE STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROADS, BRIDGES, FACILITIES AND INCIDENTAL CONSTRUCTION (FORM 817, AS AMENDED).
- B. MATERIAL AND INSTALLATION SPECIFICATIONS OF EACH UTILITY COMPANY.
- C. SPECIFIC TOWN OF WEST HARTFORD REQUIREMENTS.
- D. SPECIFIC UNIVERSITY OF SAINT JOSEPH REQUIREMENTS.
- E. 2002 CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL.
- 4. PROVIDE ALL NECESSARY SURVEY WORK REQUIRED FOR THE CONSTRUCTION STAKE-OUT AND PRODUCTION OF AS-BUILT PLANS. AS-BUILT PLANS SHALL SHOW LOCATION AND ELEVATION OF CONSTRUCTED BUILDINGS, STRUCTURES, EQUIPMENT, PIPING AND CONDUITS. CONTRACTOR TO PROVIDE RECORD DRAWINGS TO THE OWNER AT THE END OF THE PROJECT. REFER TO GENERAL CONDITIONS OF SPECIFICATIONS FOR REQUIREMENTS.
- 5. OBTAIN ALL NECESSARY PERMITS PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.
- 6. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO DEVELOP THE CONSTRUCTION SCHEDULE AND PHASING, COORDINATE ALL ACTIVITIES WITH THE STATE OF CONNECTICUT AND THE TOWN OF WEST HARTFORD AND NOTIFY ADJACENT PROPERTY OWNERS, AS REQUIRED. NOTIFY NECESSARY PARTIES AT LEAST 5 DAYS IN ADVANCE.
- 7. ALL EXISTING SITE UTILITIES WHICH ARE NOT INDICATED ON PLANS SHALL NOT BE INTERRUPTED FROM CONTINUOUS SERVICE. CONTRACTOR TO NOTIFY ENGINEER OF ANY CONFLICTS OR CONCERNS. EXISTING UTILITIES TO REMAIN ARE TO BE PROTECTED DURING CONSTRUCTION.
- 8. ESTABLISH AND MAINTAIN AT LEAST TWO BENCHMARKS ON SITE FOR VERTICAL AND HORIZONTAL CONTROL.
- 9. SAFETY ISSUES & HOURS OF OPERATION ARE THE RESPONSIBILITY OF THE CONTRACTOR AND ARE TO BE COORDINATED & APPROVED BY THE OWNER.

Civil Engineer

BVH INTEGRATED SERVICES

206 West Newberry Road Bloomfield, CT 06002 Phone: 860-286-9171

Mechanical, Electrical, & Plumbing Engineer
BVH INTEGRATED SERVICES

206 West Newberry Road
Bloomfield, CT 06002

Structural Engineer
BVH INTEGRATED SERVICES

Phone: 860-286-9171

206 West Newberry Road Bloomfield, CT 06002 Phone: 860-286-9171

# CENTERBROOK

Architects and Planners, LLP

67 Main Street
Post Office Box 955
Centerbrook, Connecticut 06409-0955

Telephone 860.767.0175 Facsimile 860.767.8719

Z

McGovern Hab Renovations

ISSUED:

NOT FOR

Name

PHASE:

SUBMITTED FOR WETLAND PERMIT

DRAWING NAME:

CIVIL ABBREVIATIONS, SYMBOL LEGEND AND GENERAL NOTES

PRELIMINARY NOT FOR CONSTRUCTION

THIS COMPUTER FILE/DRAWING IS FOR INFORMATIONAL
PURPOSES ONLY AND IS NOT INTENDED FOR CONSTRUCTION.
DO NOT START CONSTRUCTION WITHOUT A SEALED SET OF
CONSTRUCTION DOCUMENTS FROM THE ARCHITECT.

JOB #: 1693

© 2016 CENTERBROOK ARCHITECTS AND PLANNERS

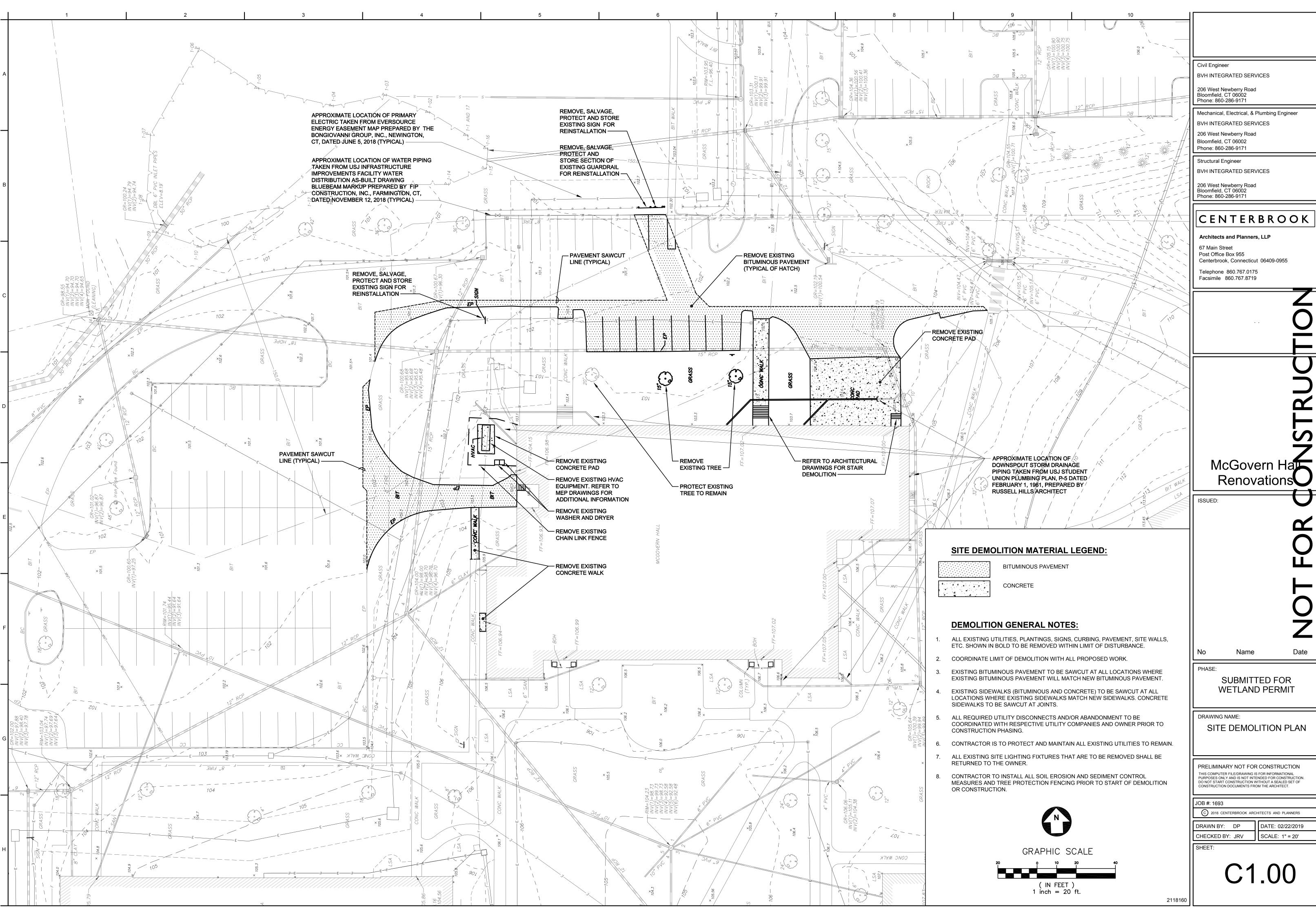
DRAWN BY: DP
CHECKED BY: JRV

SHEET:

 $C_0$ 

DATE: 02/22/2019

SCALE: NONE

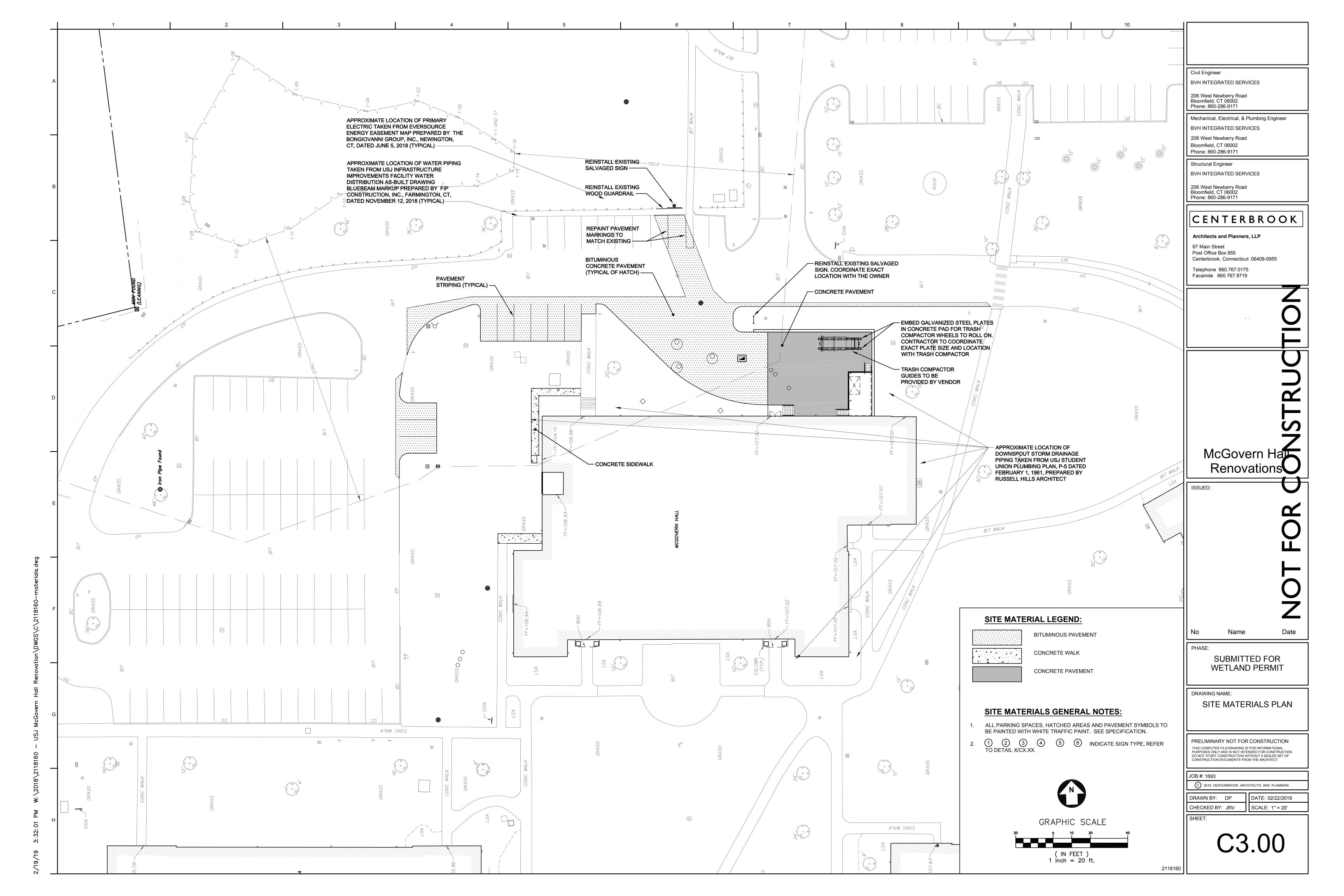


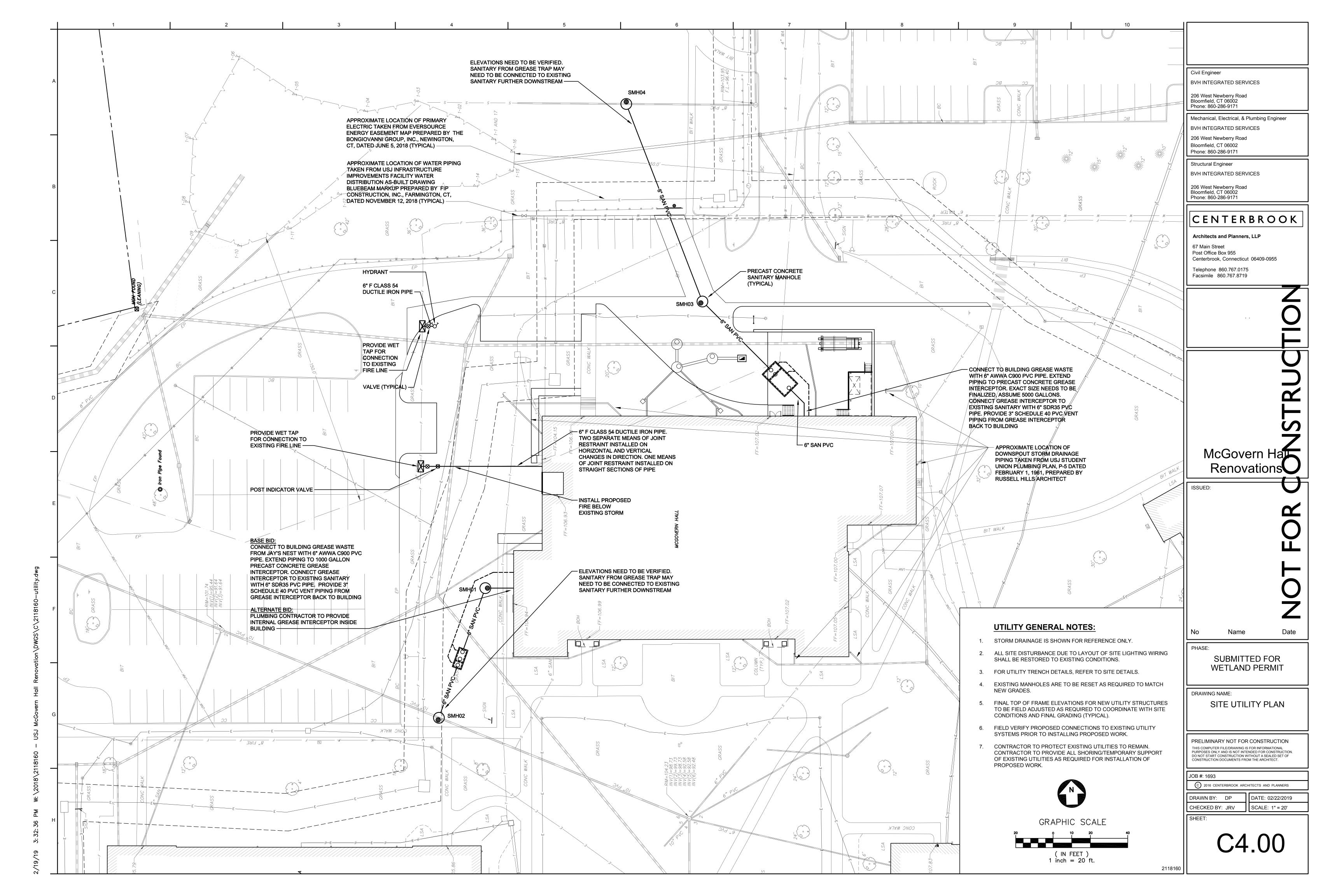
Date

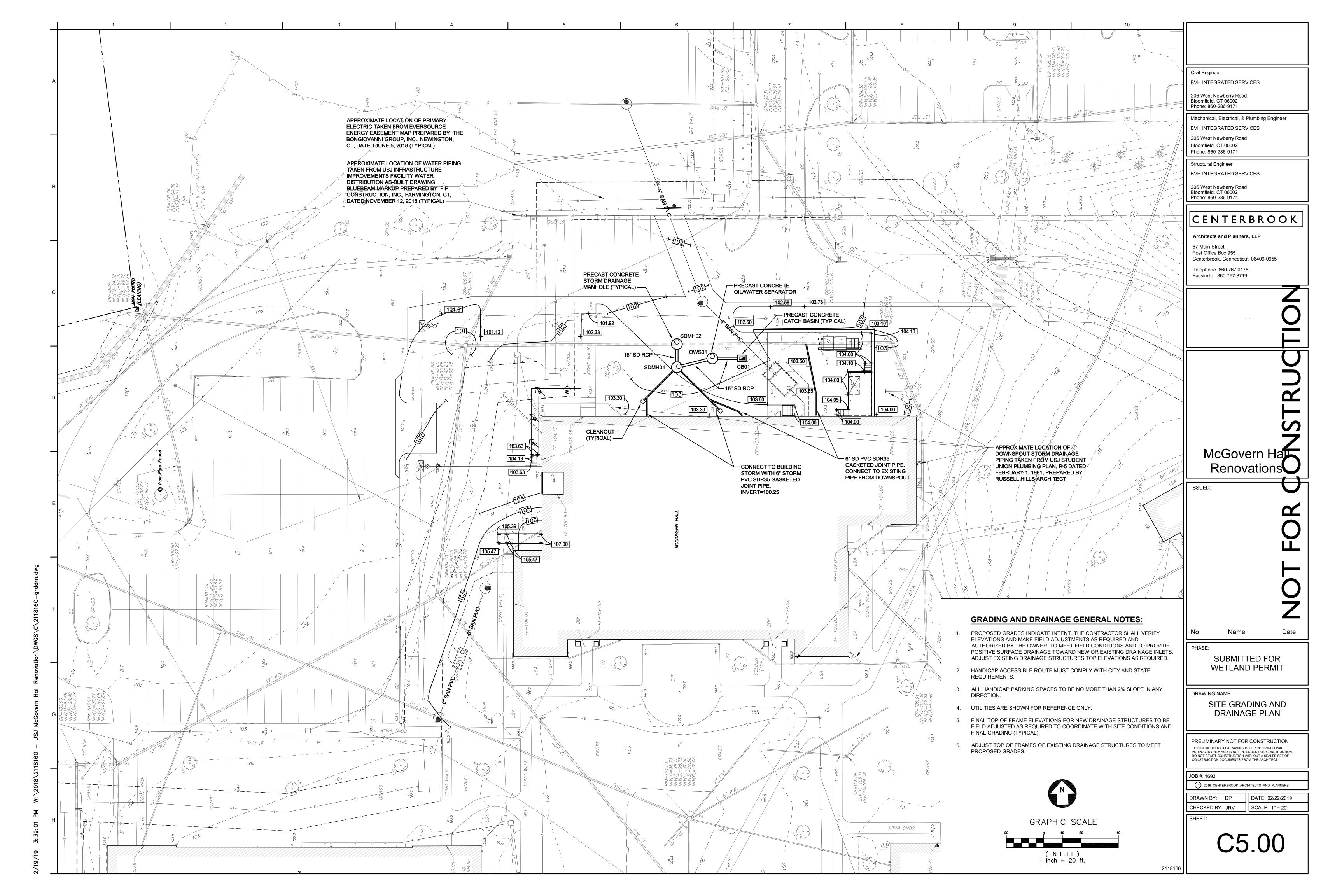
SUBMITTED FOR

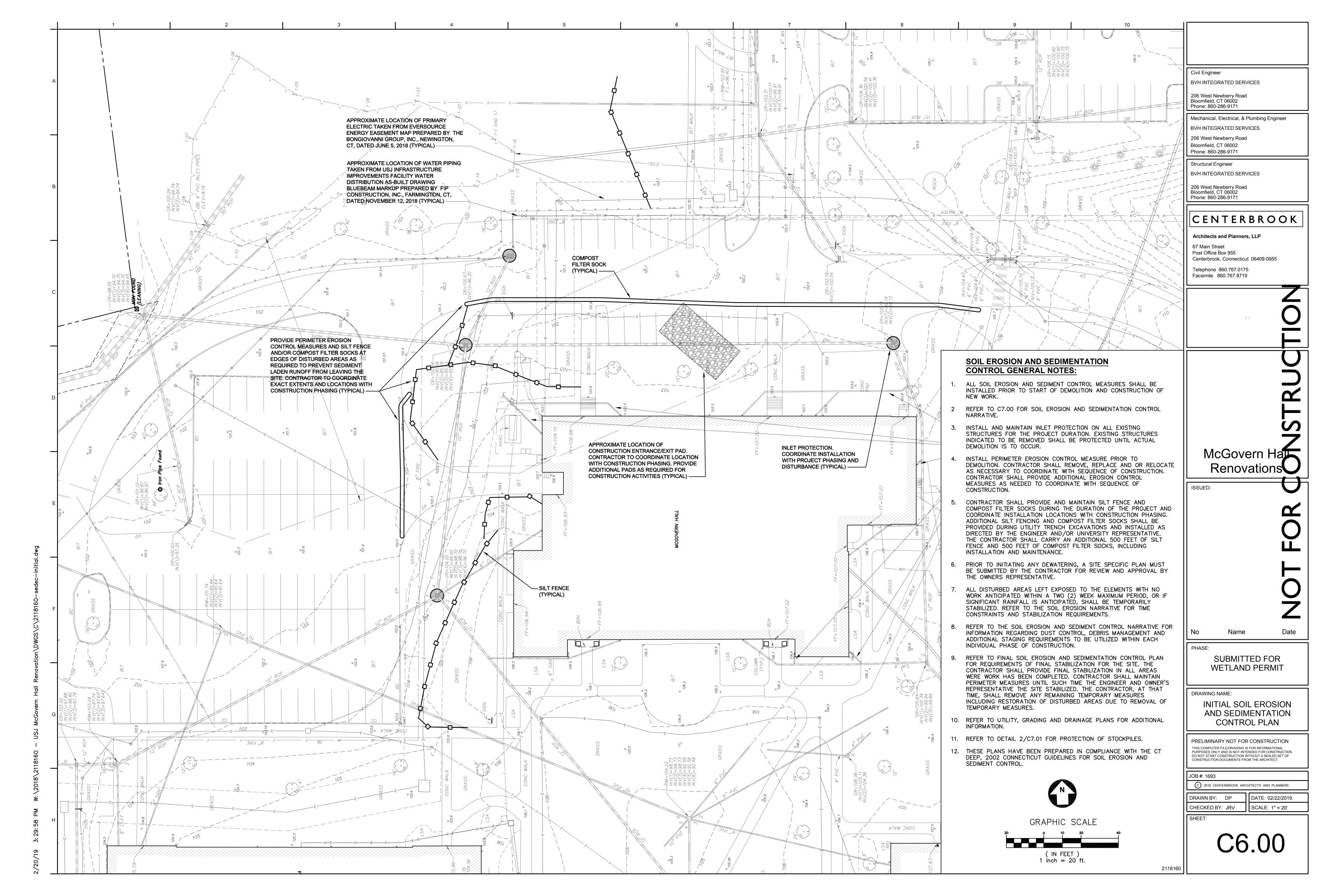
SITE DEMOLITION PLAN

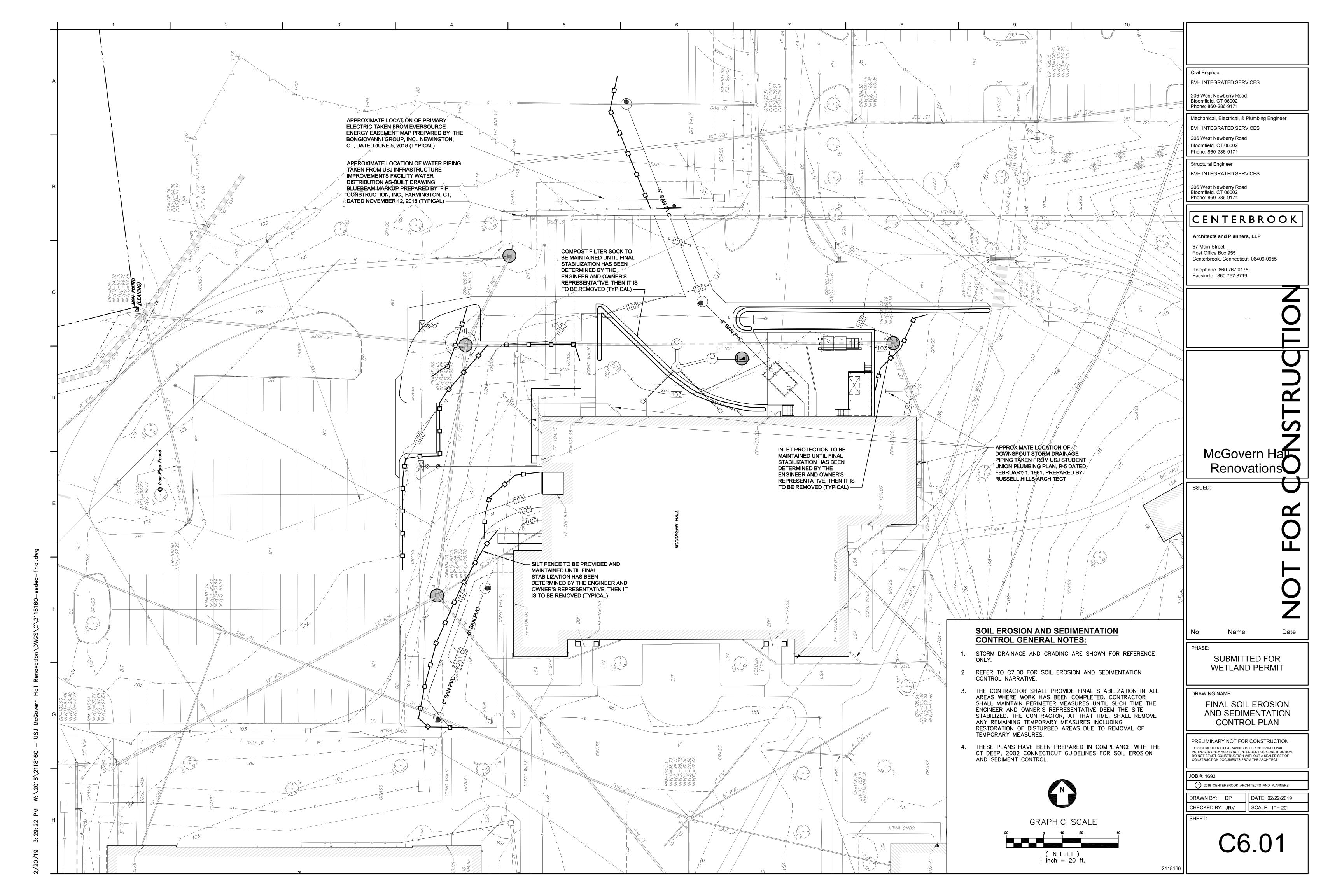
SCALE: 1" = 20'











PROJECT:						BY:	
LOCATION:						DATE:	
AREA INSPECTED:					+		
		ERALL		NE		G=GOOD, F=FAIR, P=POOR, Y=YES, N=NO	
DEWATERING INFILTRATION BASINS		DITIO F	N P	REF Y	YAIR N	COMMENTS:	
SILT FENCE		F	P P	Y	N		
CONTINUOUS BERM		<u>'</u> F	<u>'</u> P	<u>'</u> Ү	N		
DRAIN/INLET PROTECTION		F	P	т Ү	N		
TREE PROTECTION	G	F	' P	' Y	N		
TOPSOILING		F	P	т Ү	N		
LAND GRADING		F	P	<u>'</u> Ү	N		
SURFACE ROUGHENING		F	P	<u>'</u> Ү	N		
DUST CONTROL	G	<u>'</u> F	<u>'</u> P	<u>'</u> Ү	N		
TEMPORARY SEEDING		F	Р	Ү	N		
PERMANENT SEEDING		F	Р	Ү	N		
SODDING		F	Р	Ү	N		
LANDSCAPE PLANING		F	Р	· Y	N		
TEMPORARY SOIL PROTECTION	G	· F	Р	· Y	N		
MULCH FOR SEED		F	Р	Y	N		
LANDSCAPE MULCH	G	F	Р	Y	N		
TEMPORARY EROSION CONTROL BLANKET			Р	Y	N		
PERMANENT TURF REINFORCEMENT MAT		F	Р	Y	N		
STONE SLOPE PROTECTION		F	Р	Y	N		
RETAINING WALLS		F	Р	Y	N		
RIP RAP		F	Р	Y	N		
PERMANENT SLOPE DRAIN		F	P	Υ	N		
CHANNEL GRADE STABILIZATION STRUCTURE		F	P	Y	N		
TEMPORARY LINED CHUTE		F	P	Υ	N		
TEMPORARY PIPE SLOPE DRAIN	G	F	Р	Υ	N		
VEGETATED WATERWAY	G	F	P	Υ	N		
TEMPORARY LINED CHANNEL	G	F	Р	Υ	N		
PERMANENT LINED WATERWAY	G	F	Р	Υ	N		
TEMPORARY FILL BERM	G	F	Р	Υ	N		
WATER BAR	G	F	Р	Υ	N		
TEMPORARY DIVERSION	G	F	Р	Υ	N		
PERMANENT DIVERSION	G	F	Р	Υ	N		
SUBSURFACE DRAIN	G	F	Р	Υ	N		
DETENTION BASIN	G	F	Р	Υ	N		
LEVEL SPREADER	G	F	Р	Υ	N		
OUTLET PROTECTION	G	F	Р	Υ	N		
STONE CHECK DAM	G	F	Р	Υ	N		
TEMPORARY SEDIMENT BASIN	G	F	Р	Υ	N		
TEMPORARY SEDIMENT TRAP	G	F	Р	Y	N		
HAY BALE BARRIER	G	F	Р	Υ	N		
GEOTEXTILE SILT FENCE		F	Р	Υ	N		
VEGETATIVE FILTER		F	Р	Υ	N		
CONSTRUCTION ENTRANCE		F	Р	Υ	N		
PUMP INTAKE AND OUTLET PROTECTION		F	Р	Υ	N		
PUMPING SETTLING BASIN		F	Р	Υ	N		
PORTABLE SEDIMENT TANK		F	P	Υ	N		
DEWATERING OF EARTH MATERIALS		F	Р	Y	N		
ARE CONTROLLED RELEASES OF MUD OR MUDDY WA	ATER FROM 1	THE S	ITE E	VIDE	NT?	YES	
IF YES, WHAT CORRECTIVE ACTIONS ARE RECOMMEN	NDED?						
ARE DEPOSITS OF SEDIMENT EVIDENT ON ADJACENT	OFF-SITE ST	TREE	TS O	R		YES	
PROPERTIES?	IDEE?						
IF YES, WHAT CORRECTIVE ACTIONS ARE RECOMMEN	NUEU?						
	0.45	ERALL		NE		C-COOD E-EAID D-DOOD V-VEG N NO	
		ERALL DITIO		NE REF		G=GOOD, F=FAIR, P=POOR, Y=YES, N=NO COMMENTS:	
STAGING REMOVAL OF VEGETATION	G	F	Р	Υ	N		
NEW VEGETATION ESTABLISHMENT	G	F	Р	Υ	N		
MULCH AND/OR BFM PROTECTION	G	F	Р	Υ	N		
SOIL BINDER PROTECTION	G	F	Р	Υ	N		
HILLSIDE RECP'S	G	F	Р	Υ	N		
DRAINAGE CHANNEL ECB'S	G	F	Р	Υ	N		
RIP RAP	G	F	Р	Υ	N		
ADDITIONAL COMMENTS:	I						

### SOIL EROSION AND SEDIMENT CONTROL NARRATIVE:

#### APPLICATION/GENERAL PROCEDURE:

- A. SOIL EROSION AND SEDIMENT CONTROL MEASURES WILL BE INSTALLED PRIOR TO ANY SITE DISTURBANCE, AND DEVELOPMENT WILL PROCEED ACCORDING TO A SPECIFIC CONSTRUCTION PHASING AS INDICATED ON THE CONTRACT DRAWINGS. THE OBJECTIVE IS TO MINIMIZE THE AMOUNT OF SEDIMENT-LADEN RUNOFF THROUGH IMPLEMENTATION OF A VARIETY OF CONVENTIONAL SOIL SEDIMENTATION AND EROSION CONTROL PRACTICES RECOMMENDED BY THE LATEST REVISION OF THE LOCAL AND STATE GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL. PROCEDURES AND APPLICATION TECHNIQUES SHALL CONFORM TO THE ABOVE MENTIONED GUIDELINES AND THE DETAILS SHOWN ON THE CONTRACT DRAWINGS.
- B. THE CONTRACTOR SHALL NAME ONE INDIVIDUAL AS AN EROSION CONTROL SUPERVISOR WHOSE PRIMARY RESPONSIBILITY WILL BE THE MAINTENANCE AND REPAIR OF ALL ON-SITE EROSION CONTROL MEASURES. THE EROSION CONTROL SUPERVISOR WILL KEEP A DAILY LOG OF THEIR ACTIVITIES AND COMPLETE A DAILY SOIL EROSION CHECKLIST (ESTABLISHED BY THE CONTRACTOR) SIMILAR TO THE DETAIL SHOWN ON THE CONTRACT DOCUMENTS. THE EROSION CONTROL SUPERVISOR SHALL ALSO MAINTAIN A SCHEDULE OF WEEKLY CONSTRUCTION ACTIVITIES. THE CHECKLIST AND LOG SHALL BE MADE AVAILABLE TO INSPECTORS UPON REQUEST.
- C. THE CONTRACTOR SHALL PROVIDE THE OWNER WITH DAILY LOGS OF THE CONSTRUCTION PROCESS, UPDATED SCHEDULES, AND CONDITIONS OF ON-SITE SEDIMENTATION AND EROSION CONTROLS/WATER QUALITY. A SAMPLE LIST IS PROVIDED IN THE DETAILS.
- D. THE RESPONSIBILITY FOR PERFORMING PERIODIC CHECKS OF THE EROSION CONTROL MEASURES IN-PLACE AND TO COORDINATE CLEANING AND REPAIR OPERATIONS WILL BE ASSIGNED TO THE EROSION CONTROL SUPERVISOR.
- E. ALL SEDIMENTATION AND EROSION CONTROL DEVICES SHALL BE CHECKED FOR THE ADEQUACY OF THE CONTROL SYSTEMS AS OUTLINED IN THE LATEST REVISION OF THE LOCAL AND STATE GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL.
- F. REPAIRS TO SEDIMENTATION CONTROL SYSTEMS DIRECTED BY THE EROSION CONTROL SUPERVISOR WILL BE AS OUTLINED IN THE LATEST REVISION OF THE LOCAL AND STATE GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL.
- G. REPLACEMENT MATERIALS FOR THE DEVICES UTILIZED MUST BE READILY AVAILABLE FOR REPAIRS.
- H. CLEANING OF SEDIMENTATION AND EROSION CONTROL DEVICES WILL BE PERFORMED AS DIRECTED BY THE EROSION CONTROL SUPERVISOR AND AS OUTLINED IN THE LATEST REVISION OF THE LOCAL AND STATE GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL.
- I. PLACEMENT OF TEMPORARY SEDIMENTATION AND EROSION CONTROL DEVICES THAT ARE NOT SHOWN ON THE PLANS, BUT ARE REQUIRED DUE TO THE CONTRACTOR'S OPERATIONS, WILL BE PLACED AT THE DIRECTION OF THE EROSION CONTROL SUPERVISOR, ENGINEER AND LOCAL AUTHORITY HAVING JURISDICTION. PLACEMENT OF SUCH MEASURES SHALL FOLLOW THE LATEST REVISION OF THE LOCAL AND/OR STATE GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL.
- J. EARTHWORK CONSTRUCTION ACTIVITIES WILL BE SCHEDULED FOR PERIODS WHEN SOIL SATURATION IS LOW AND SOIL LOSS HAZARD IS AT MINIMUM RISK.
- K. SUSPEND EARTHWORK CONSTRUCTION ACTIVITIES FOR MAJOR STORM EVENTS AND IMPLEMENT ADDITIONAL SEDIMENTATION AND EROSION CONTROL MEASURES. AS NECESSARY.
- L. STAGE CONSTRUCTION ACTIVITIES SUCH THAT ONLY THOSE AREAS OF THE SITE SCHEDULED FOR IMMEDIATE DEVELOPMENT ARE DISTURBED AND ACTIVITIES SCHEDULED FOR LATER DEVELOPMENT ARE NOT STARTED PREMATURELY.
- M. THERE WILL BE NO LARGE CUTS OR FILLS LEFT AS "RAW" AREAS. SUB-GRADE WILL BE ACHIEVED AS SOON AS POSSIBLE AND AN ESTABLISHED PROCEDURE OF TEMPORARY SEEDING AND/OR COVER WITH EROSION PROTECTION (EROSION CONTROL BLANKETS FOR SLOPES AND MULCH OR EROSION CONTROL BLANKETS FOR FLAT AREAS); WILL BE FOLLOWED TO INSURE MINIMAL SOIL LOSS.
- N. ALL SURFACES DESIGNATED FOR PAVING WILL HAVE THE SUB-BASE, BASE AND BINDER INSTALLED AS SOON AS POSSIBLE. WHERE FEASIBLE THE STORM DRAINAGE SYSTEM WILL BE INSTALLED TO PROVIDE CONTROL OF SURFACE RUNOFF.
- O. DUST CONTROL AND OFF-SITE STREET DEBRIS CAUSED BY THE CONTRACTOR'S EARTHWORK OPERATIONS WILL BE PREVENTED, ALLAYED, OR CLEANED UP IN ACCORDANCE WITH THE LATEST REVISION OF THE LOCAL AND STATE GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL.
- P. CONTROL MEASURES AS INDICATED ON THE CONTRACT DOCUMENTS SHALL BE SUBJECT TO ADDITION AND/OR MODIFICATION AS REQUIRED TO MEET ACTUAL SITE AND WEATHER CONDITIONS AND ADHERE TO THE LATEST REVISION OF THE LOCAL AND STATE GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL.
- Q. CONTRACTOR SHALL PROTECT ANY EXISTING AND NEW INLET STRUCTURES, DRAINAGE SWALES, PROPERTY, ETC., WHICH MAY INTERCEPT RUN-OFF DUE TO CONSTRUCTION ACTIVITIES BOTH INSIDE AND OUTSIDE OF THE WORK LIMITS.

### **EROSION AND SEDIMENTATION CONTROL CONSTRUCTION STAGES:**

#### STAGE

A. IMMEDIATELY AFTER MOBILIZATION BUT PRIOR TO INITIATING ANY SOIL-DISTURBING ACTIVITIES THE CONTRACTOR SHALL MAKE A GENERAL SITE ASSESSMENT TO ESTABLISH CONSTRUCTION LIMITS, DESIGNATE CONSTRUCTION ENTRANCES AND INSTALL ALL SPECIFIED SOIL EROSION AND SEDIMENT CONTROL MEASURES.

#### STAGE

- A. CLEAR SITE AS REQUIRED ACCOMMODATING THE CONSTRUCTION.
  LEGALLY CUT AND CHIP BRUSH AND REMOVE STUMPS FROM THE SITE
  TO BE DISPOSED OF IN A PROPER MANNER. THE OWNER'S PERMISSION
  IS REQUIRED BEFORE CLEARING BEYOND TREE LINE OR WOODED AREA
  DEFINED ON THE PLANS.
- B. ADDRESS ALL STOCKPILE MATERIAL AS INDICATED IN THE EROSION CONTROL SPECIFICATION.
- C. EXCAVATE SITE TO SUB GRADE AND INSTALL ALL REQUIRED MEASURERS TO STABILIZE THE SITE AND PREVENT SOIL EROSION AND CONTROL SOIL SEDIMENTATION. NO RAW CUTS OR FILL SHALL BE LEFT EXPOSED TO THE ELEMENTS. IF NO WORK IS ANTICIPATED WITHIN A TWO (2) WEEK PERIOD, OR IF SIGNIFICANT RAINFALL IS ANTICIPATED, COVER EXPOSED AREAS AS INDICATED IN THE APPLICATION/GENERAL PROCEDURE.

### STAGE III

- A. SURVEY, STAKE, AND PLACE NEW IMPROVEMENTS IDENTIFIED WITHIN THE WORK AREA AND AS SHOWN ON THE CONTRACT DRAWINGS.
- B. MAINTAIN, CLEAN AND REPAIR EROSION CONTROL AND SEDIMENT PROTECTION MEASURES AS RECOMMENDED BY THE LATEST REVISION OF THE LOCAL AND STATE GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL.

### STAGE IV:

- A. RESPREAD TOPSOIL TO DESIGNATED AREAS.
- B. INSTALL NEW PLANTING. BEGIN WITH THE SITE PERIMETER PLANTING IN BUFFER YARDS TO ACHIEVE EARLY STABILIZATION, AND THEN PLANT SITE INTERIOR AREAS AND FINALLY PLACE SEED.
- C. CLEAN UP SITE BUT LEAVE REMAINING EROSION CONTROL AND SEDIMENT PROTECTION MEASURES IN PLACE UNTIL SITE IS STABILIZED AS APPROVED BY THE ENGINEER.
- D. MAINTAIN, CLEAN AND REPAIR EROSION CONTROL AND SEDIMENT PROTECTION MEASURES AS RECOMMENDED BY THE LATEST REVISION OF THE LOCAL AND STATE GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL.

#### MAINTENANCE SCHEDULE FOR TEMPORARY SEDIMENTATION AND **EROSION CONTROL MEASURES** TYPE INSPECTION SCHEDULE REPAIR SCHEDULE REPLACE IMMEDIATELY AND REMOVE MINIMUM ONCE PER WEEK AND SEDIMENT WHEN DEPTH EQUALS 1/2 HEIGHT SILT FENCE AFTER STORM EVENTS OF 0.5 INCHES OR GREATER OF FENCE REPLACE DAMAGED SEDIMENT FILTER MINIMUM ONCE PER WEEK AND INSERT OR CURB FILTER IMMEDIATELY AND INLET PROTECTION AFTER STORM EVENTS OF 0.5 REMOVE SEDIMENT WHEN DEPTH EQUALS **INCHES OR GREATER** 1/4 HEIGHT OF SEDIMENT FILTER INSERT MINIMUM ONCE PER WEEK AND REPAIR IMMEDIATELY. REMOVE ALL STABILIZED LAYDOWN AFTER STORM EVENTS OF 0.5 SEDIMENT SPILLED, DROPPED, WASHED OR INCHES OR GREATER TRACKED ONTO NEARBY PAVED SURFACES REPLACE IMMEDIATELY AND REMOVE MINIMUM ONCE PER WEEK AND COMPOST FILTER SOCK AFTER STORM EVENTS OF 0.5 SEDIMENT WHEN DEPTH EQUALS 1/2 HEIGHT INCHES OR GREATER OF COMPOST SOCK

Civil Engineer

BVH INTEGRATED SERVICES

206 West Newberry Road Bloomfield, CT 06002 Phone: 860-286-9171

Mechanical, Electrical, & Plumbing Engineer BVH INTEGRATED SERVICES

206 West Newberry Road Bloomfield, CT 06002 Phone: 860-286-9171

Structural Engineer
BVH INTEGRATED SERVICES

206 West Newberry Road Bloomfield, CT 06002

Phone: 860-286-9171

# ||CENTERBROOK

Architects and Planners, LLP

67 Main Street
Post Office Box 955
Centerbrook, Connecticut 06409-0955

Telephone 860.767.0175 Facsimile 860.767.8719

McGovern Hab Renovations

ISSUED:

NOT FOR

Date

PHASE:

SUBMITTED FOR WETLAND PERMIT

Name

DRAWING NAME:

SOIL EROSION CONTROL NARRATIVE

PRELIMINARY NOT FOR CONSTRUCTION
THIS COMPUTER FILE/DRAWING IS FOR INFORMATIONAL
PURPOSES ONLY AND IS NOT INTENDED FOR CONSTRUCTION.
DO NOT START CONSTRUCTION WITHOUT A SEALED SET OF
CONSTRUCTION DOCUMENTS FROM THE ARCHITECT.

JOB #: 1693

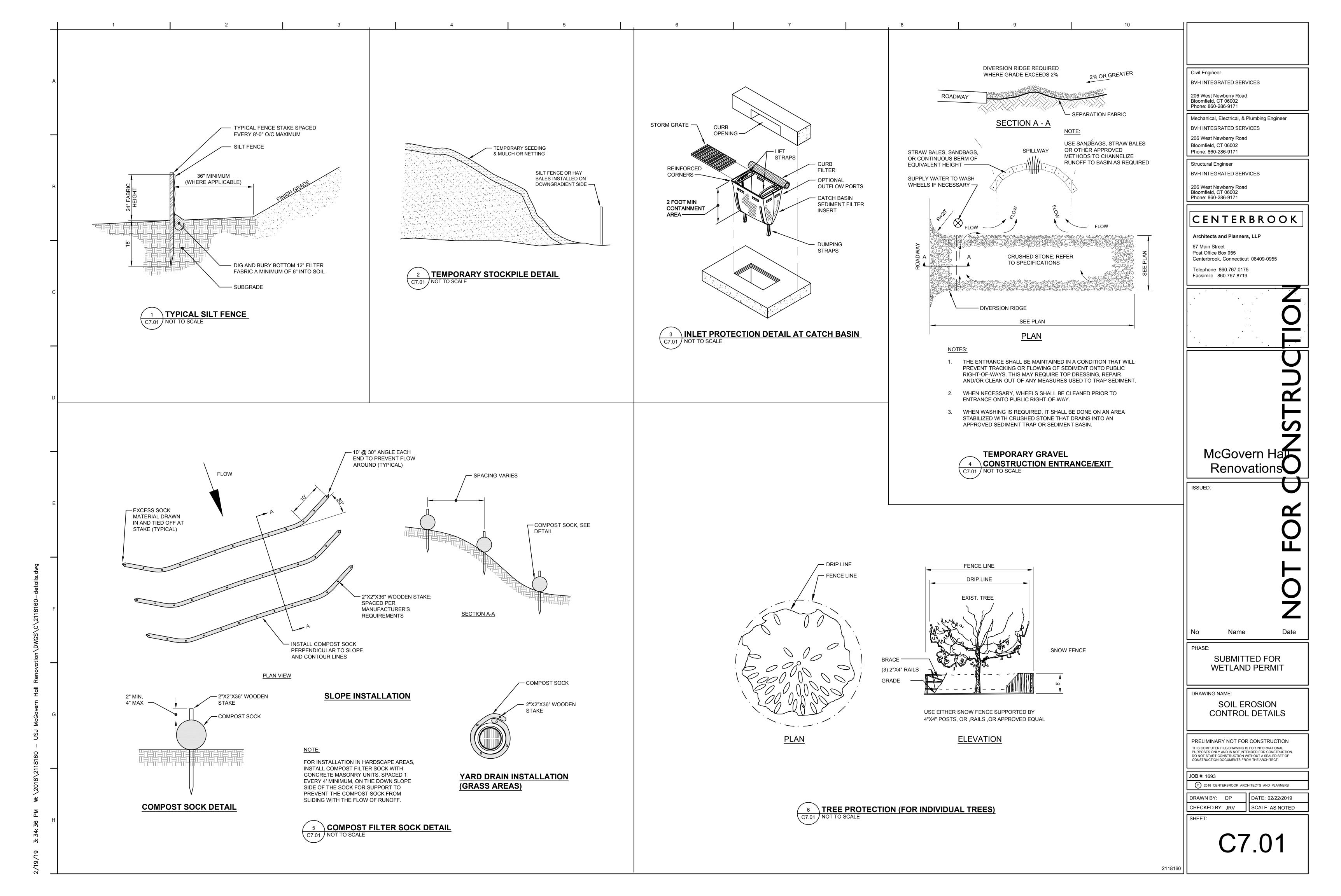
CHECKED BY: JRV

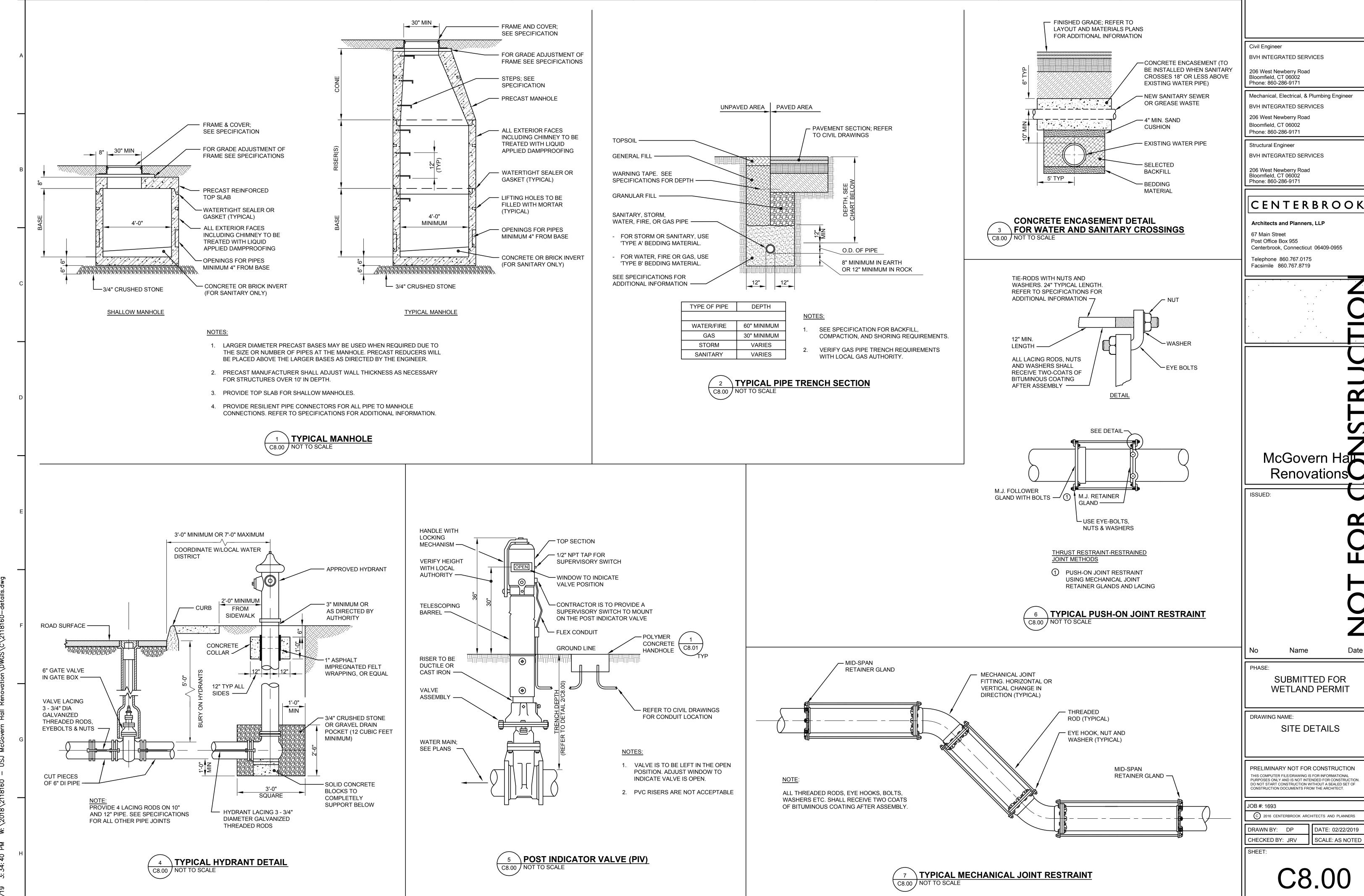
DRAWN BY: DP DATE: 02/22/2019

SHEET:

C7.00

SCALE: AS NOTED





McGovern Ha Renovations

Date

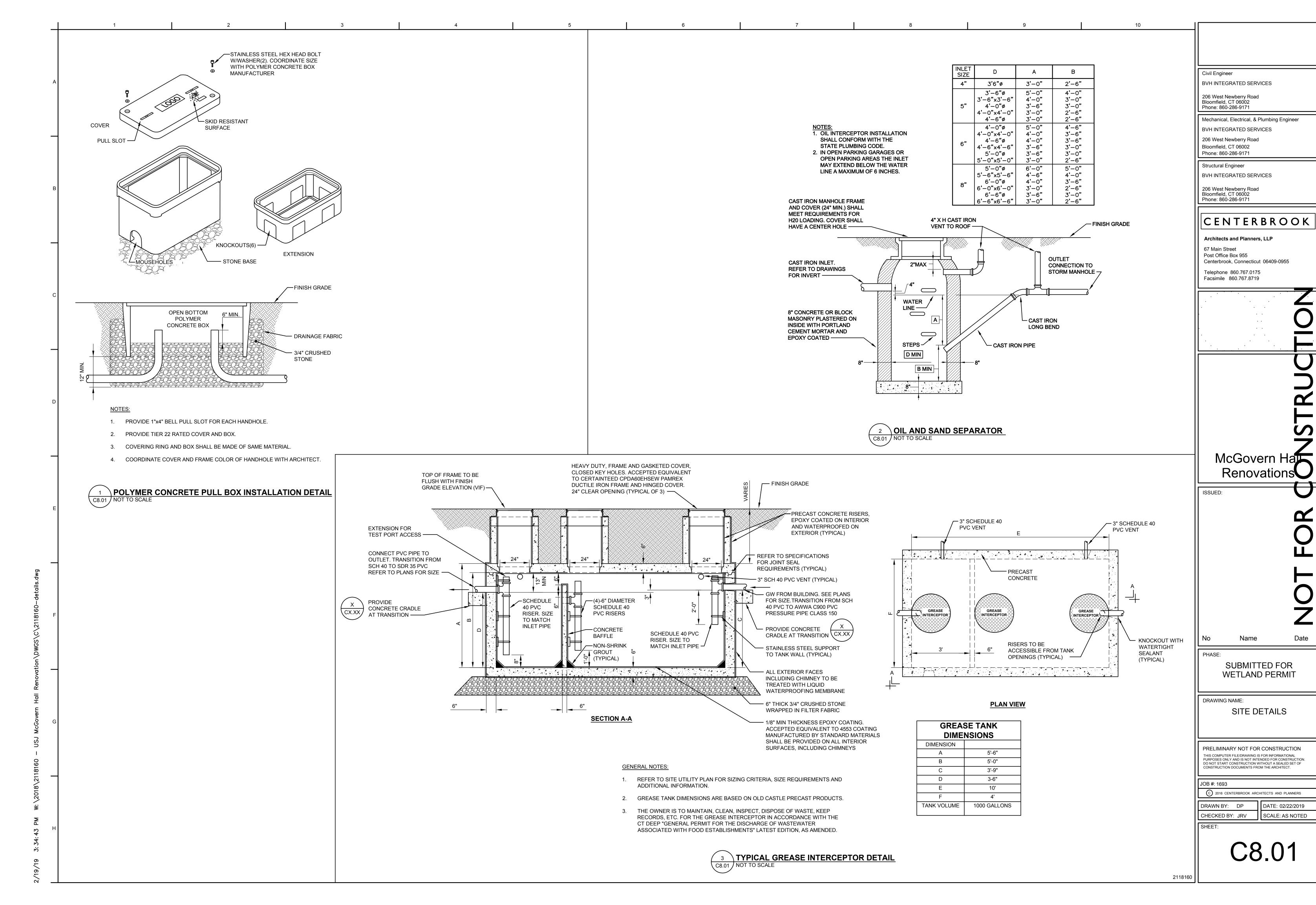
SUBMITTED FOR WETLAND PERMIT

THIS COMPUTER FILE/DRAWING IS FOR INFORMATIONAL PURPOSES ONLY AND IS NOT INTENDED FOR CONSTRUCTION. DO NOT START CONSTRUCTION WITHOUT A SEALED SET OF CONSTRUCTION DOCUMENTS FROM THE ARCHITECT.

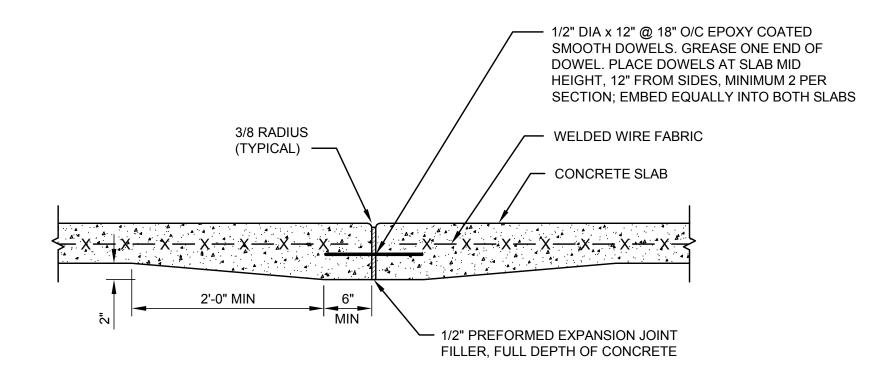
DATE: 02/22/2019

C8.00

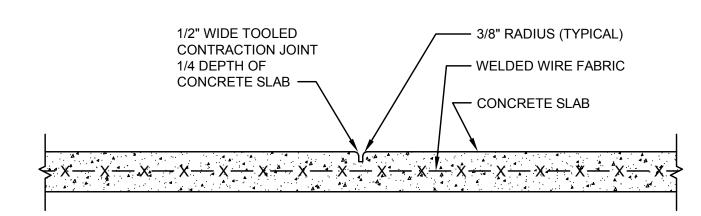
2118160



# TYPICAL CONSTRUCTION JOINT



### TYPICAL ISOLATION JOINT



## TYPICAL CONTRACTION JOINT

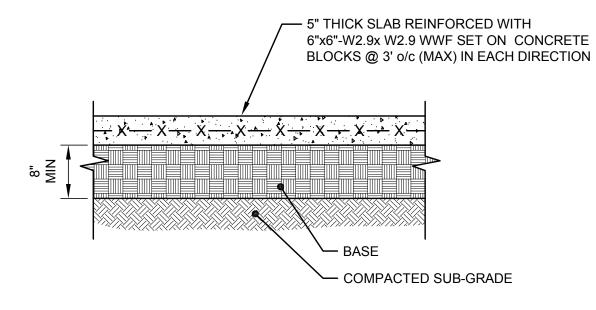
- SMOOTH TOOL FINISH 1-1/2" EACH SIDE OF ALL CONTRACTION AND ISOLATION JOINTS, AND AT ALL SLAB EDGES.
- 2. INSTALL CONTRACTION JOINTS AT A SPACING EQUAL TO THE WALK WIDTH UP TO A MAXIMUM SPACING OF 6'.
- INSTALL ISOLATION JOINTS WITHIN THE CONTRACTION JOINT SPACING MODULE UP TO A MAXIMUM SPACING OF 20'. TYPICAL SPACING:

ISOLATION JOINT SPACING 20' (5 PANELS @ 4') 20' (4 PANELS @ 5')

18' (3 PANELS @ 6')

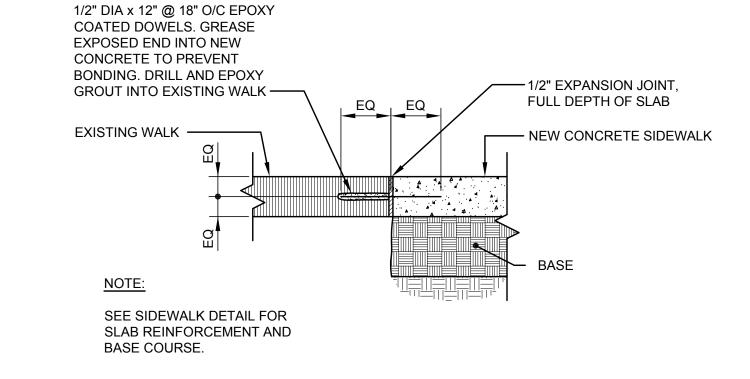
- 4. INSTALL FULL DEPTH 1/2" PREMOLDED EXPANSION JOINT FILLER AND SEALANT WHEREVER PAVEMENT ABUTS FIXED OBJECTS (TYPICAL).
- CONTRACTOR SHALL SUBMIT A JOINTING PATTERN DRAWING SHOWING LOCATIONS OF ALL ISOLATION AND CONTRACTION JOINTS FOR REVIEW AND APPROVAL BY ENGINEER AND ARCHITECT.

TYPICAL CONCRETE SIDEWALK JOINTS

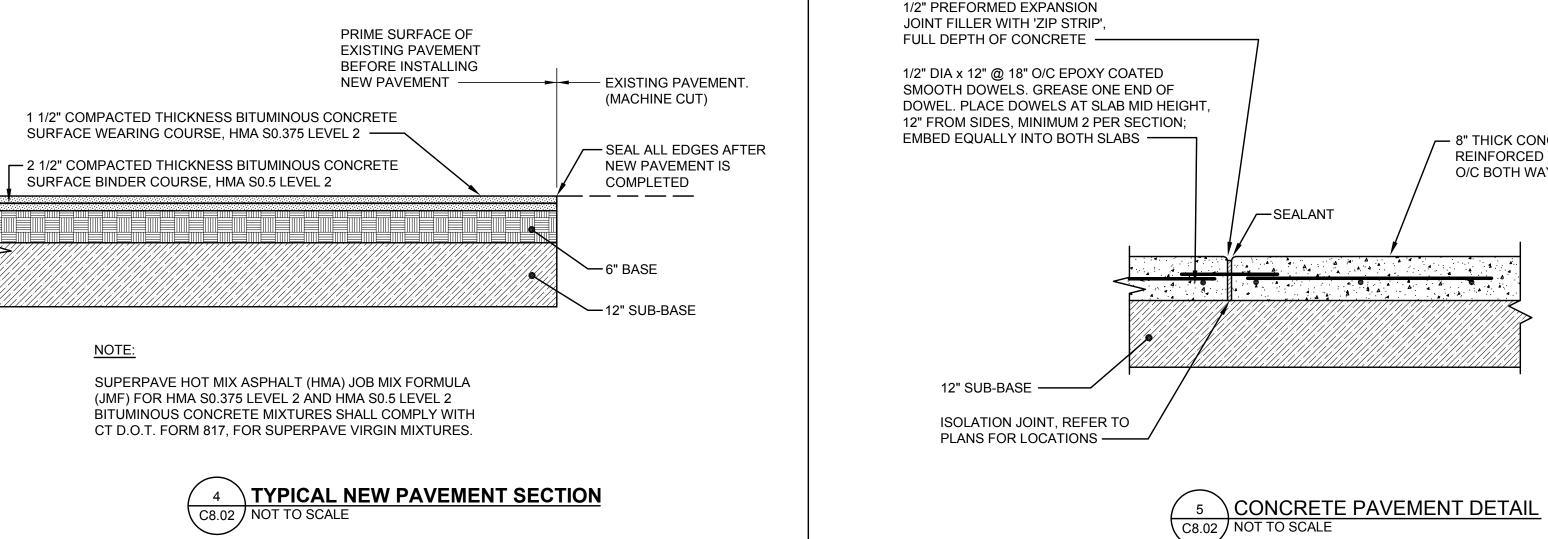


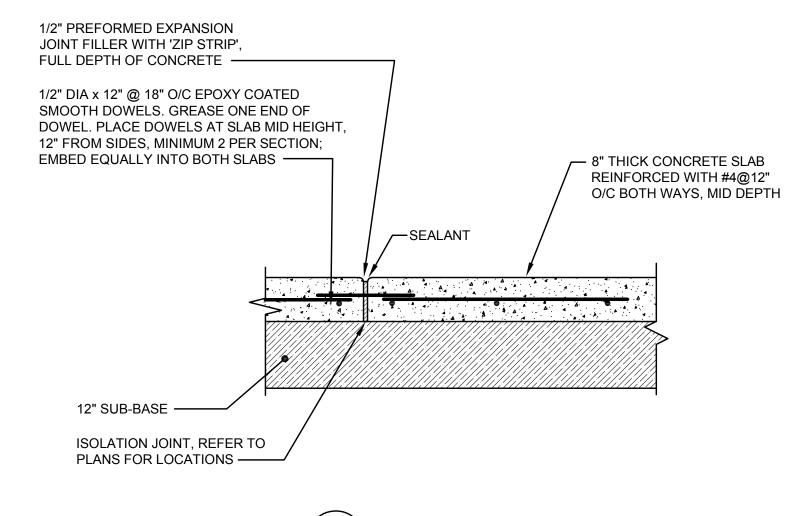
1. REFER TO DETAIL 1/C8.02 FOR JOINT DETAILS.





**NEW SIDEWALK TO EXISTING SIDEWALK SECTION** 





Civil Engineer

BVH INTEGRATED SERVICES

206 West Newberry Road Bloomfield, CT 06002 Phone: 860-286-9171

Phone: 860-286-9171

Phone: 860-286-9171

Mechanical, Electrical, & Plumbing Engineer BVH INTEGRATED SERVICES

206 West Newberry Road Bloomfield, CT 06002

Structural Engineer BVH INTEGRATED SERVICES

206 West Newberry Road Bloomfield, CT 06002

CENTERBROOK

Architects and Planners, LLP

67 Main Street Post Office Box 955 Centerbrook, Connecticut 06409-0955

Telephone 860.767.0175 Facsimile 860.767.8719

McGovern Ha Renovations

ISSUED:

Date

Name

PHASE:

SUBMITTED FOR WETLAND PERMIT

DRAWING NAME:

SITE DETAILS

PRELIMINARY NOT FOR CONSTRUCTION THIS COMPUTER FILE/DRAWING IS FOR INFORMATIONAL PURPOSES ONLY AND IS NOT INTENDED FOR CONSTRUCTION. DO NOT START CONSTRUCTION WITHOUT A SEALED SET OF CONSTRUCTION DOCUMENTS FROM THE ARCHITECT.

JOB #: 1693

CHECKED BY: JRV

© 2016 CENTERBROOK ARCHITECTS AND PLANNERS DATE: 02/22/2019 DRAWN BY: DP

SHEET:

C8.02

SCALE: AS NOTED

2118160





